

March 12-14, 2000
The Sheraton Hotel and Towers • Boston, MA

ARENA 2000 - Y2 Connect
ARENA's 2000 IACUC Conference
March 12, 2000

IACUCs: The Ethics, the Politics, and the Reality

PRIM&R's 2000 IACUC Conference
Co-Sponsored by AAALAC International
and Tufts University School of Medicine
March 13-14, 2000

***This Conference is Supported in Part by an Unrestricted Educational Grant
From the Esther & Joseph Klingenstein Fund***

At the end of one remarkable century, and at the dawn of the new millennium, it seems useful to engage in some "stock-taking" (pun intended!). But rather than simply counting our animals, the March 2000 PRIM&R and ARENA conferences will examine ways in which their care and use can be improved for all stakeholders involved. As animal programs nationwide grow in both size and complexity, so too must our commitment to their care, feeding, and ethical sufficiency.

The IACUC has primary responsibility for animal care and use, and, at most institutions, is charged by the designated institutional official with assuring that all aspects of the Animal Welfare Act and the Public Health Service Policy are being implemented effectively. What really happens, though, can often be quite different from institution to institution, and these variations are often traceable to funding, staffing, and/or education, i.e., an appropriate understanding of the regulatory, ethical, and husbandry requirements.

These conferences will therefore focus on the legal, moral, and practical aspects of the IACUC's responsibility, and will offer concrete and productive ways to enhance its performance. Representatives from the USDA, OPRR, and AAALAC International will give their perspectives, as will scientists, veterinarians, administrators, ethicists, and other key representatives from academia, research institutes, and industry. Workshops will provide a forum for each registrant to voice her/his opinions and to ask specific questions. Join in this dialogue with your colleagues, and hear what others are doing vis-à-vis thorny issues, share your solutions and approaches, and state your concerns and recommendations to those making the rules.

The ARENA and PRIM&R meetings have been consistently cited as unique and valuable opportunities for information exchange, networking, and informal advocacy. Join us as we welcome together the new era, recharge our batteries, and refuel our commitment via an intensive educational experience.

For those who are new to the IACUC world, please consider attending the March 11 *IACUC 101* course. This session will provide those who are new to the IACUC process, or those in need of a refresher, with a full day course which is both didactic and interactive. IACUC 101 will also be of interest to those who would like to improve their knowledge of IACUC training approaches.

PRIM&R's Planning Committee: John Miller (Co-Chair), Harry Rozmiarek (Co-Chair), Kathryn Bayne, Ron DeHaven, James Fox, Nelson Garnett, Molly Greene, Mary Lou James, Frank Loew, Monte Matthews, Gwenn Oki, Marky Pitts, and Andrew Rowan

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Accreditation: This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Tufts University School of Medicine, Public Responsibility in Medicine & Research, and Applied Research Ethics National Association. Tufts University School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Tufts University School of Medicine designates the PRIM&R Conference for a maximum of **16** hours and the ARENA Conference for a maximum of **9.5** hours in Category I credit towards the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

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Faculty Key:

P PRIM&R Faculty

A ARENA Faculty

*** PRIM&R Board Members**

+ ARENA Council Members

ARENA's Conference Agenda

Saturday, March 11, 2000:

4:30-6:30 Pre - Registration Reception

Sunday, March 12, 2000:

7:15 - 8:15 Registration and Continental Breakfast

8:15 - 8:45 Welcome and Introductions

Conference Theme and "Warm-up Exercise"
Conference Overview
ARENA Program Book
ARENA's "Distinguished Service Award" Recipient
The ARENA Guidebook

M. James
M. Matthews
K. Mickey
S. Kornetsky
M. Pitts

8:45 - 10:00 PANEL I: IACUC & Institution Intra-Connections

Moderator:

The Institutional Official – Oversight and Authority
IACUC Chair – Leading, Motivating the Team
Attending Veterinarian – Watchdog, Collaborator, Animal Guardian
The PI – Taking it on the Chin?
IACUC Administrator – Keeping it Together with a Finger in the Dike

M. Pitts
R. Bianco
J. Collins
J. Fox
L. Willis
V. Fratus

10:15 - 11:30 Workshop Series A

A1 IACUC/IO Issues: *A. Berger, R. Bianco, J.G. Collins*

A2 Attending Veterinarian Issues: *H. Howard, J. Macy*

A3 IACUC Administrator Issues: *N. Epley, V. Fratus, K. Hansen*

A4 Non-Affiliated Member Issues: *S. Cowan, K. Kintzer, P. Theran*

A5 Small Institution Issues: *D. Dreher, M. J. Shepherd*

A6 Ethical Issues for IACUCs: *R. Fischbach, E. Prentice*

A7 Program Evaluations: *M. Greene, C. Hoorn*

A8 Take a Virtual Facility Inspection: *L. Gerrity, G. Hines*

A9 Protocol Review Process: *A. Irwin, H. Klemfuss, K. Mickey*

A10 Post Approval Compliance Monitoring: *L. Broker, M. A. Jurgus, C. Stunz*

A11 IACUC Training Resources: *N. Duffee, J. Larson, C. Wigglesworth*

A12 Training & Continuing Education for Researchers and Faculty: *M. Ellenberger, H. Rush*
Everything You Wanted to Know About Compliance but Were Afraid to Ask: *D. Doyle, K. Bayne, S. Potkay, B. Goldentyer*

A14 Occupational Health & Safety: *M. Brown, R. Dell, J. Gonder*

A15 Crisis Management: *M. Brennan, M. Keane, J. Calnan*

A16 Field Studies/Nontraditional Research Animals: *G. Miller, B. Williams, D. Stone*

11:30 - 12:30 LUNCH (Buffet) Networking Exercises

12:30 - 1:45 PANEL II: The Search for Alternatives

Moderator:

Alternatives – "In the Beginning, There Was..."
Policy 12 and Acceptable Alternatives to the Literature Search
Alternative Searches and Inherent Frustrations – the IACUC's Perspective
NIH Initiatives

A. Rowan
J. Bielitzki
R. DeHaven
E. Prentice
C. Wigglesworth

1:45 - 2:15 Special Topic Lecture

Moderator:

Networking: Finding Others with Common Interests

M. Matthews
J. Norsigian

2:30 - 3:45 PANEL III: Community Connections

Moderator:

Reaching the Community
The Patient's Perspective
Animal Research, Medical Advances and Resources – The Last 5 Years
U. Minnesota Break-In: Addressing the Community Through the Media

J. Calnan
L. Nader
G. Maas
M. Brennan
M. Keane

3:45 - 4:30 Special Topic Lecture

Moderator:

Heart Care International: Realizing our Goals and Enriching our Lives

M. Brennan
R. Michler

4:30 - 5:45 Workshop Series B (Repeat of Workshop Series A)

5:45 - 6:30 Cheese, Spirits, and Continuing Connections!

PRIM&R's Conference Agenda

Monday, March 13, 2000

- 7:45 - 8:30 **Registration and Continental Breakfast**
- 8:30 - 8:40 **Welcome & Conference Overview**
- 8:40 - 9:15 **Keynote Address - IACUCs: The Cost-Benefit and “Value Added” to Science by Following the Rules of Animal Welfare Oversight** *William Raub*
- 9:15 - 9:35 **OPRR Status Report, Including Implementation of the NIH Regulatory Burden Report**
Nelson Garnett
- 9:40 - 10:00 **Sure-Fire Ways to Neglect Animal/Human Protection Obligations and Invite Federal Sanctions! The Rush-Presbyterian-St. Luke's Experience** *David Clark*
- 10:15 - 11:30 **Panel I - What's New and Really New? Animal Research at the Dawn of the New Century**
- Moderator: *John Miller*
- Panelists: *Gerald Fischbach [invited]* - The Politics
 Jerrold Tannenbaum - The Ethics
 Steven Niemi - The Reality
- 11:45 - 12:45 **Workshops Series A**
- A1 Regulatory Issues: A Dialogue with the OPRR Staff (*Please note this will be a two hour session. Lunch will be served.*)
- A2 New Members: Beyond IACUC 101 - Questions Raised and Answers Tendered
- A3 Training: Developing Training Materials for Investigators - PRIM&R's Primer
- A4 Hot Spots! The USDA Inspection Process: Managing the Inspection from Both Sides
(*Please note this will be a two hour session. Lunch will be served.*)
- A5 Biotech/Industry: Alternatives, HPV Chemical Testing, and Other Testing Issues
- A6 Advocacy Issues: Finding Funds to Identify Effective Approaches to Enrichment and Refinements
- A7 IACUC Administration: The Role of the Institutional Official, and General Organizational and Administrative Responsibilities (*Please note this will be a two hour session. Lunch will be served.*)
- A8 Species-Specific: Rodents Need TLC Too! Aseptic Surgery, Environmental Enrichment, Wire Bottom Cages, and More...
- A9 Occupational Health & Safety: Zoonoses and Emerging Infections
- A10 Protocol Review: Scientific Merit Review – Yes, No, Maybe? And, if so, When and How?
- A11 IACUC Member Issues: The Role of the IACUC Chair
- A12 IACUC Responsibilities: Disaster Planning for Small Animal Facilities
- A13 IACUC Resources: Using the AVMA Euthanasia Report to Improve Your SOPs
- A14 Potpourri: Application of Performance Standards in Aquaria, Zoos, Wildlife, Farms, and Behavioral Research
- 1:00 - 2:00 **Luncheon**
- 2:15 - 2:35 **Plenary Address - Implementing Humane Endpoints in Research Protocols** *Alan Goldberg*

2:40 - 4:00 **Panel II - IACUCs - Where are they Now and Where are they Going?**

Moderator: *Mary Lou James*

Panelists:	<i>Janet Greger</i>	Institutional Support for the IACUC: Funding IACUC Members and Support Staff, and Incorporating them into the Institutional Culture
	<i>Lauretta Gerrity</i>	Out of Sight, But Not Out of Mind: IACUC Responsibility for Oversight of Animal-Based Research at Contract or Other Off-Site Facilities
	<i>Nicole Duffee</i>	Assessing the Adequacy of, and Encouraging Participation in, IACUC Training
	<i>Bernard Shapiro</i>	The Pros and Cons of Term Limits for the IACUC Chair and Committee Members

4:15 - 5:15 **Workshops Series B**

- B1 Regulatory Issues: An ILAR Update
- B2 New Members: Basic Protocol Review Criteria
- B3 Training: Training PIs for Handling Confrontational Interactions, and for Talking to the Public About Animal Research
- B4 Hot Spots! Compliance: Prevention, Problem-Solving, and Resolution of the Most Frequently Cited Violations
- B5 Biotech/Industry: Genetic Engineering, Animal Research, and Biotechnology Involving Farm Animals
- B6 Advocacy Issues: Chimpanzee Research and Retirement
- B7 IACUC Administration: Implementation of Performance Standards
- B8 Species-Specific: Environmental Enrichment for Non-Human Primates
- B9 Occupational Health & Safety: Developing and Implementing OH&S Programs
- B10 Protocol Review: The 3Rs, Literature Searches, and Policy #12: Creative Approaches to Obtaining Adequate Responses
- B11 IACUC Member Issues: What is a Properly Constituted Committee? What Constitutes a Quorum? Can the IACUC Use Alternates?
- B12 IACUC Responsibilities: Defining Significant and Minor Programmatic Deficiencies
- B13 IACUC Resources: The Role of the Institutional Official in Supporting the IACUC
- B14 Potpourri: Defining and Determining Humane Endpoints, and an Update on the Organization for Economic Cooperation and Development's (OECD) Report

5:15 - 6:15 **Wine and Cheese Reception**

7:30 - 10:00 **Dinner and Dancing!**

Tuesday, March 14, 2000

7:00 - 8:00 **Yoga**

7:45 - 8:30 **Continental Breakfast**

8:30 - 9:15 **Topical, Tense, and Timely! - Genetic Engineering and Xenotransplantation:
How These Two Issues will Affect Animal Care and Research?**

Genetic Engineering: *Nelson A. Wivel*

Xenotransplantation: *David Sachs*

9:15 - 10:30 **Panel III - What's Old and Unresolved? Distress!**

Moderator: *Andrew Rowan*

Panelists: *Ron DeHaven* - Defining Distress for AWA Reporting Purposes
 Joy Mench - The Committee of Experts' Report on Animal Pain and Distress
 John Capitanio - The Effects of Stress on Research Results
 Daniel Carr - The Continuum of the Vertebrate Pain Experience

10:45 - 11:10 **USDA Status Report** – How Can the IACUC Community Best Respond to,
and Affirmatively Impact, the Regulatory and Interpretive Processes? *Ron DeHaven*

11:15 - 12:15 **Workshops Series C**

- C1 Regulatory Issues: A Dialogue with USDA Staff
- C2 New Members: Semi-Annual Program Reviews and Facility Inspections
- C3 Training: Using Information Technology in Your Training Program
- C4 Hot Spots! More About Distress...(A follow up to Panel III)
- C5 Biotech/Industry: Novel Test Compound Vehicles, Guidelines, and Formulations
- C6 Advocacy Issues: The Ethical and Public Policy Issues Involving Cloning and Genetic Engineering
- C7 IACUC Administration: Organizational Structure and Reporting Lines - The IACUC Chair, Administrator, Institutional Official, and Investigator Interactions
(Please note this will be a two hour session. Lunch will be served.)
- C8 Species-Specific: Farm Animal Research and the "Ag Guide"!
- C9 Occupational Health & Safety: Xenotransplantation, Xenografts, and Zoonotic Diseases
- C10 Protocol Review: Form Over Function, or Making the Form Fit the Function
- C11 IACUC Member Issues: The Role of the Non-Affiliated & Non-Scientist Members
- C12 IACUC Responsibilities: Responding to Internally or Externally Generated Complaints Regarding Animal Welfare
- C13 IACUC Resources: OMB Circular A-21 and Your Per Diem Rates!
- C14 Potpourri: The Use of Animals in Education
- C15 Potpourri: Issues in the Management and Oversight of Rodent Colonies

12:30 - 1:30 **Luncheon**

1:45 - 3:00 **Panel IV - The AAALAC International Report on IACUCs**

Moderator: *Kathryn Bayne*

Panelists: *Marilyn Brown* - IACUC Issues
Christian Newcomer - Occupational Health & Safety Issues
DeWayne Walker - Facilities Issues

3:15 - 4:15 **Panel V - New and Significant Resources for IACUCs in the Year 2000 and Beyond!**

Moderator: *Harry Rozmiarek*

Panelists: *Jerald Silverman* - The IACUC Handbook
Alan Goldberg - CAAT Project on Alternative Search Engines
Stuart Nelson - National Library of Medicine and the Alternatives Project
Marky Pitts - Planned Revisions to the *IACUC Guidebook*
Monte Matthews - *IACUC 101 On the Road!*

4:30 - 5:30 **Workshops Series D**

- D1 AAALAC Accreditation Issues: The Most Common IACUC Deficiencies
- D2 New Members: Developing IACUC Policies and Procedures
- D3 Training: Assessing and Documenting IACUC Training Materials
- D4 Hot Spots! Mouse Ascites, Monoclonal Antibodies and Complete Freund's Adjuvant
- D5 IACUC Issues: Wildlife Research
- D6 Advocacy Issues: Legislative and Judicial Initiatives Relating to Animal Research
- D7 IACUC Administration: Inter-Institutional Agreements and Affiliated Institutions - Implications for Protocol Review, Semi-Annual Reviews, and Inspections
- D8 Species-Specific: Fish and Other Cold Blooded Species
- D9 FOIA & Information Release, including OMB Circular A-110
- D10 Protocol Review: Progress Reports, Modifications, Addenda, and Grant Proposals Linkage
- D11 IACUC Member Issues: The Role of the Attending Veterinarian
- D12 IACUC Responsibilities: Developing a Disaster Plan for Large Facilities
- D13 Potpourri: International Harmonization of Animal Welfare Standards
- D14 Potpourri: "How Animals Die..." Pain and Distress Associated with Veterinary Conditions
- D15 Potpourri: Special Concerns for DOD Facilities

5:30 - 6:30 **Wine, Cheese and Fond Farewells!**

PRIM&R and ARENA Conference Registration Information

General Information:

Registration for both meetings is required by **February 14, 2000**. Registrations received after the February 14 deadline will be subject to a **late fee of \$50**. Meeting attire is business casual (university/hospital tee shirts are welcome).

Please complete the registration form and mail it with your check, purchase order, or credit card information to: **PRIM&R, Attn: IACUC Conference, 132 Boylston Street, 4th Floor, Boston, MA 02116**. If you are registering for both conferences, please note that **separate checks** are required – one made payable to PRIM&R, and one made payable to ARENA. To ensure accurate numbers for materials and meals, all forms of payment (i.e., check, purchase order, or credit card) will be processed immediately and are subject to the cancellation/substitution policy stated below.

For **confirmation** of your registration, please check the appropriate box on your registration form. Please note that confirmation is available by **email only** and will be sent to the registrant's email address as indicated on the registration form. One check may be used to pay for a group, but a separate registration form must be completed for each registrant.

Photocopies of all registration forms are acceptable. If you have any questions, please contact the PRIM&R office at (617) 423-4112, fax (617) 423-1185, or email <prmr@aol.com>.

Cancellation/Substitution Policy:

Substitutions may be made at any time without additional charges. Refunds will be issued for all cancellations received by February 21, 2000, less a \$75 processing fee. **Cancellations and substitutions must be made in writing.**

PRIM&R Fees and Scholarships:

The individual registration fees for the PRIM&R Conference are **\$430** per person. Fees cover two continental breakfasts, two lunches, two receptions, one dinner, and course materials. Full-time students, or others requiring financial assistance, are encouraged to contact the PRIM&R office for scholarship information.

Conference Proceedings:

The conference proceedings for the PRIM&R meeting are expected to be published by October 2000 and may be ordered in advance by using the attached registration form. The cost is \$30 and includes postage and handling.

ARENA Fees:

The ARENA Conference fees are **\$150** per person for ARENA members and **\$195** for non-members. Fees cover pre-conference reception, continental breakfast, lunch, evening reception, and course materials. ARENA dues are **\$100** annually. If you are interested in joining ARENA, you may include the membership fee (\$100) and pay the conference member rate of \$150.

Hotel Accommodations/Travel:

For reservations, call the **Sheraton Boston Hotel and Towers** at **(800) 325-3535** or **(617) 236-2000**. Rate: **\$157** (single or double) per night. To receive the discounted rate, you must make your reservation by **February 14, 2000** and identify yourself as an attendee of the PRIM&R/ARENA conferences. Rooms in the PRIM&R block cannot be guaranteed, and rates are subject to room availability. Thus, early reservations are strongly recommended. If you have any difficulty reserving a hotel room, please call the PRIM&R office at (617) 423-4112.

PRIM&R, ARENA, and the Sheraton Boston Hotel & Towers are committed to providing full access to attendees with disabilities.

PRIM&R and ARENA 2000 IACUC Conference Registration Form

Please list your name, title, and institution as you wish them to appear on your nametag. Thank you!

Name & Degree(s) _____

Title _____

Institution _____

Address _____

Phone _____

Fax _____

Email _____

Registration Confirmation

_____ Yes, I would like to receive confirmation of my registration by email.
(Please note that confirmation by fax or telephone is not available. Sorry!)

Please let us know if this is your first time at one of our conferences, so that we might greet you more personally...

Yes, this is my first ARENA conference! _____ Yes, this is my first PRIM&R conference! _____

Workshop Selections

You may attend ONE workshop in each series. Please fill in the corresponding number for each of the workshops you wish to attend (e.g., A1, B5, C13, D7). Due to the number of expected attendees, you MUST select your workshop choices.

ARENA Conference Workshops

PRIM&R Conference Workshops

A _____ B _____

A _____ B _____ C _____ D _____

Attn: ARENA Workshop Attendees! To help ensure your questions and issues are addressed, please email them, along with the workshop number(s) to which they apply, before February 20 to Mary Lou James (mljames@mo.net). She will then forward them to the appropriate workshop leaders so that, where possible, they can be put on the session's agenda.

PRIM&R 2000 IACUC Conference Dinner

Will you be joining us for our Conference Dinner on Monday, March 13, 2000?
(If you do not respond to this question, no dinner ticket will be issued. Sorry!)

Yes _____ No _____

Please specify any dietary requests or other special needs you might have during your time with us:

PRIM&R Fees

(Separate Check Payable to PRIM&R)

Individual Rate \$430 _____
Late Registration Fee (after 2/14) \$50 _____
Conference Proceedings (avail. 10/00) \$30 _____
PRIM&R Total _____
I am using Purchase Order or Check # _____

ARENA Fees

(Separate Check Payable to ARENA)

Member \$150 _____
Non-Member \$195 _____

Join ARENA today and receive all the benefits of membership, including the ARENA Newsletter, networking opportunities, and conference registration at the low member rate.

2000 Membership Dues \$100 _____
ARENA Total _____
I am using Purchase Order or Check # _____

Credit Card Orders

☐ Visa ☐ Master Card

Credit Card #

Expiration Date

Print Cardholder's Name

Address

City State Zip Code

I have read and understand PRIM&R and ARENA's
cancellation policy, and I hereby agree to all terms and conditions as stated in this brochure.

Signature

Please mail this registration form with payment to:

PRIM&R
Attn: IACUC Conference
132 Boylston St., 4th Floor
Boston, MA 02116

If you are using a Credit Card or P.O., you may fax the registration to (617) 423-1185.
A copy of the P. O. must accompany the registration form.